

ERDELYI, I.

ERDELYI, I. Problems of the heat economy at the beginning of the atomic age. p. 282.

Vol. 8, No. 8, Aug. 1955.

HUNGARIAN ENERGY AND  
TECHNOLOGY

Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956

ERŐTÉR, I.

ERŐTÉR, I.

Timeliness of long-distance heat supply. p. 120

Vol. 8, No. 11, Nov. 1955 Budapest, Hungary MAGYAR ENERGIAGAZDASAG

SO: Monthly List of East European Accession, (EEAL), IC, Vol. 5  
No. 3, March, 1956

ENCLOSURE 1.

Some problems of heat economy in the use of atomic energy. p. 12.  
MUSZAKI ELET. Budapest Vol. 9, No. 19, Oct. 1955

SOURCE: East Europe Accessions List (EEAL) Library of Congress  
Vol. 5, No. 6, June 1956

ERDELYI, I.

Problems of heat planning in reactor heat plants. p. 77. MAGYAR  
ENERGIAGAZDASAG. (Energiagazdalkodasi Tudomanyos Egyesulet) Budapest  
Vol. 9, No. 2, Feb. 1956

SOURCE: East European Accessions List (EEAL) Library of Congress  
Vol. 5, No. 6, June 1956

ERDELYI, I.

Interesting heat conditions, p. 198, MAGYAR ENERGIAGAZDASAG,  
(Energiagazdalkodasi Tudomanyos Egyesulet) Budapest, Vol. 9,  
No. 5, May 1956

SOURCE: East European Accessions List (EEAL) Library of Congress,  
Vol. 5, No. 11, November 1956

ERDELYI, I.

Greeting to our Kossuth Prize winner this year, p. 201, MAGYAR  
ENERGIAGAZDASAG, (Energiagazdalkodasi Tudományos Egyesület)  
Budapest, Vol. 9, No. 5, May 1956

SOURCE: East European Accessions List (EEAL) Library of Congress,  
Vol. 5, No. 11, November 1956

ERDELYI, I.

Rapid starting of boilers which burn coal dust, p. 203, MAGYAR  
ENERGIAGAZDASAG, (Energiagazdalkodasi Tudományos Egyesület) Budapest,  
Vol. 9, No. 5, May 1956

SOURCE: East European Accessions List (EEAL) Library of Congress,  
Vol. 5, No. 11, November 1956

ERDELYI, I.

Theory of heat and energy. p.241. MAGYAR ENERGIAGAZDASAG. Budapest  
Vol. 9, no. 7, July 1956.

SOURCE: East European Accessions List (NEAL), Library of Congress  
Vol. 5, No. 12, December 1956



ERDELYI, ISTVAN

Category : HUNGARY/Nuclear Physics .. Nuclear Engineering and Power C-8

Abs Jour : Ref Zhur -- Fizika, No 3, 1957, No 6112

Author : Erdelyi, Istvan

Title : Problems in the Design and Operation of Atomic Electric  
Stations with Homogeneous Reactors.

Orig Pub : Magyar energiasz., 1956, 9, No 7, 243-250

Abstract : No abstract

Card : 1/1



ERDELYI, I.

Answer to Lasszio Dobo, Jozsel Glostzer and Ferenc Valy's remarks on my article "Has  
Gas a Future?"

p. 101 (EPULETGEPEZET) Budapest, Hungary Vol 6, no 2/3 1957

SO: Monthly Index of East European Accessions (AEEI) Vol. 6 no . 11 November 1957

ERDELYI, I.

HUNGARIAN STEAM POWER PLANTS IN CHINA.

p 438 (MAGYAR ENERGIAGAZDASAG) BUDAPEST, HUNGARY VOL. 9 NO 11/12 NOV/DEC 1957

SO: MONTHLY INDEX OF EAST EURO EAN ACCESSIONS (AEEI) VOL. 6 NO 11 NOVEMBER 1957

ERDELYI, I.

"Some words on the 150-year-old Dalton Hypothesis; problems of designing heat power plants, and determining the economic temperature of water used for heating."

p. 522 (Energia Es Atomtechnika) Vol. 10, no. 8/10, Dec. 1957  
Budapest, Hungary

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958

ERDELYI, I., cand. engineering sciences

Chapters of the mechanical theory of heat. Acta techn Hung 27  
no.1-2:127-145 '59 (EPAI 9:3)

1. Thermoenergetical Design, Bureau,, Budapest .  
(Heat)

ERDEI YI, Istvan. dr.techn., a muszaki tudományok kandidátusa

Some economic questions of industrial heat supply. Ipari  
energia 1 no.1/4:37-41 J1-0 '60.

1. HOTERV foosztalyvezetoje.

ERDELYI, Istvan, a muszaki tudományok kandidátusa

Heat and temperature. Energia es atom 13 no.1/2:1-7 Ja-F '60.



10.4100

87427

H/008/61/014/001/001/005

B009/B057

AUTHOR: Erdélyi, István, Doctor of Technical Sciences,  
Candidate of Technical Sciences

TITLE: The Effect of Centrifugal Field Strength on the Thermal  
Condition of Gases - Explanation of the Ranque Effect

PERIODICAL: Energia és Atomtechnika, 1961, Vol. 14, No. 1, pp. 1-7

TEXT: The author examines the thermal condition of gases in a centrifugal field of force with the aim of finding the rate of change in the temperature gradient in a system as a function of the acceleration of the field, and in order to draw conclusions as to the possibility of obtaining higher temperature differences in the Ranque (Hilsen vortex) tube. His calculations have led to the result that in a centrifugal field of force an acceleration rate of  $10^7$  gravity units and radial temperature gradients higher than  $10^0/\text{mm}$  can be achieved. This effect is helpful in the explanation of the Ranque phenomenon. On the basis of Fulton's and Webster's (Refs. 4,5) analysis of the Ranque tube, the author deduces the following formula of the temperature gradient:

Card 1/3

87427

The Effect of Centrifugal Field Strength on the Thermal Condition of Gases - Explanation of the Ranque Effect H/008/61/014/001/001/005 B009/B057

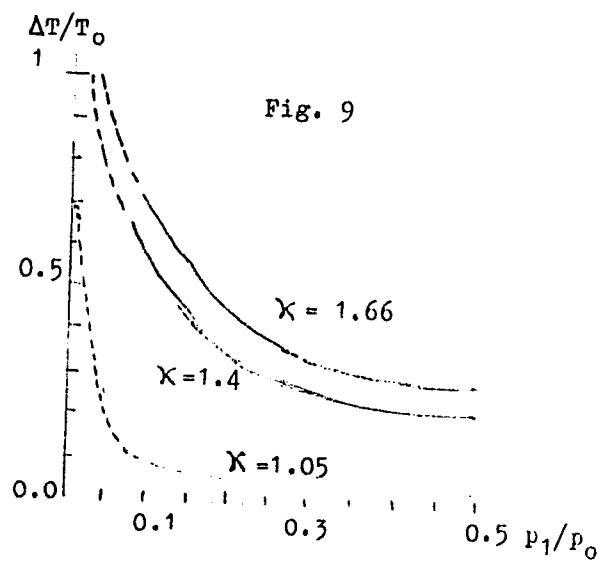
$\Delta T/T_0 = 1 - (p_1/p_0)^{\frac{\chi-1}{\chi}}$ , where  $T_0$  is the absolute temperature of the gas in front of the nozzle,  $p_0$  the pressure at the inlet, and  $p_1$  the pressure in the space behind the diffuser. Dimensions of the nozzle do not enter into the formula. Values of  $\Delta T/T_0$  versus  $p_1/p_0$  are plotted in graphs for different values of the factor  $\chi$ . These converge toward a point  $\Delta T/T_0 = 1$  at  $p_1/p_0 = 0$ , where the temperature in the axis of the tube should attain the theoretical value of  $0^\circ\text{K}$ . In this connection, the author mentions that at the Budapest Technical University, experiments were made on the use of the Ranque tube in the refrigeration process. If, in a Ranque tube of radius  $r_1$ , the radial dimension of the inlet aperture is only  $0.1r_1$ , and the circumferential velocity remains constant along a radial distance of  $r_1/10$ , the curves of the diagram give higher  $\Delta T/T_0$  values than shown in Fig. 9. There are 9 figures, 1 table, and 6 non-Soviet references.

Card 2/3

87427

The Effect of Centrifugal Field Strength on the Thermal Condition of Gases - Explanation of the Ranque Effect

H/008/61/014/001/001/005  
B009/B057



Card 3/3

ERDELYI, Istvan, dr. techn.

Further investigation of the Ranque phenomenon. Energia  
es atom 14 no.6:247-253 Je '61.

1. "Energia es Atomtechnika" szerkeszto bizottsagi tagja.

ERDELYI, Istvan, dr. techn.

Answer by Chemical Engineer Istvan Geiger's newer remark.  
Energia es atom 14 no.6:267 Jan 61.

ERDELYI, Istvan, dr. techn. (Budapest)

Thesis and paradox of Gibbs. Energia es atom 14 no.7:297-300  
Jl '61.

1. "Energia es Atomtechnika" szerkeszto bizottsagi tagja.

ERDELYI, Istvan, dr. techn.

Correlation between heat and potential energy. Energia es  
atom 14 no.7:325 J1 '61.

1. "Energia es Atomtechnika" szerkeszto bizottsagi tagja.

ERDELYI, Istvan, Dr.techn

Irreversibility between systems of different magnitudes.  
Energia es atom 15 no.2:55-56 F '62.



ERDELYI, Istvan, Dr. tech., okl.gepeszmernok

The effect of radiator temperature on the profitableness of distance heating. Energia es atom 15 no.4:158-161 Ap '62.

1. HOTERV.

ERDELYI, Istvan, dr. techn.

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Answer to Marton Horvath's remark. Energia es atom 15 no.9:426 S '62.

1. "Energia es Atomtechnika" szerkeszto bizottsagi tagja.

ERDELYI, Istvan, dr.

Answer to Janos Elek's remark. Energia es atom 15 no.9:428 S '62.

1. "Energia es Atomtechnika" szerkeszto bizottsagi tagja.

ERDELYI, Istvan, dr.techn.

A forgotten plan of Budapest's long-distance heating. Energia es atom  
15 no.10/11:429-431 O-N '62.

1. HOTERV,, es "Energia es Atomtechnika" szerkeszto bizottsagi tagja.

LAKI, Gyula; SZADAY, Rozso; SZALAY, Jozsef; ERDELYI, ~~Istvan~~, dr.; BENEDEK, Laszlo; KERENYI, ?; VARGA, Istvan; ZETNER, Tamas, dr.

Further remarks. Energia es atom 15 no.12:581-585 D '62.

1. Ganz-Mavag Szivattyukeszites (for Laki). 2. Lang Gepgyar (for Szaday). 3. Muszeripari Kutato Intezet (for Szalay). 4. HOTERV; es "Energia es Atomtechnika" szerkeszto bizottsagi tagja. 5. "Energia es Atomtechnika" szerkeszto bizottsagi tagja (for Benedek). 6. "E energia es Atomtechnika" felelos szerkesztoje; Energiagazdalkodasi Tudomanyos Egyesulet fottitkara (for Varga).

ERDELYI, Istvan, dr. techn.

The international unit system. Ipari energia 4 no. 10:213-220  
0 '63.

1. HOTERV.

ERDELYI, Istvan, dr.

An answer to a reply. Energia es atom 16 no.1:36 Ja '63.

1. "Energia es Atomtechnika" szerkeszto bizottsagi tagja.

ERDELYI, Istvan, dr. techn., okleveles gépészmérnök

The international metric system. Energia es atom 16 no.6:  
245-252 Je. '63.

1. HOTERV; "Energia es Atomtechnika" szerkeszto bizottsagi  
tagja.



ERDELYI, Istvan

A forgotten plan for the distance heating in Budapest; excerpts  
from an article. Musz elet 18 no.2:13 17 Ja '63.

ERDELYI, Istvan, dr.

Network pressures of long-distance heat supply and some  
questions of industrial power economy. Ipari energia 5  
no.3:67 M '64.

ERDELYI, Istvan, dr., a muszaki tudományok kandidátusa

Steam and hot water peak boilers in district heating. Ipari energia 5  
no.8:183-188 Ag '64.

1. Institute of Power Economy, Budapest.

ERDELYI, Istvan, dr., a muszaki tudományok doktora

Answer to Imre Fenyves on his remark on "Temperature distribution determination in static and stationary equilibrium." Energia es atom 17 no.9:424-426 S '64.

1. Editorial board member, "Energia es Atomtechnika".

SZILVAGYI, Hermann, dr.; ERDELYI, Istvan, dr. [deceased]

Spontaneous splenic rupture in lymphoid leukemia. Orv. hetil.  
106 no.30:1421-1422 25 JI'65.

1. Nephadsereg Egészségügyi Szolgálat.

ERDELYI, J.

J. Erdelyi and L. Tokody:

Construction and computation of crystals - Kristályszerkesztés és kristályszerkesztés  
Budapest, 1954, Akad. Kiadó, 255 P., Ft. 50-

ERDELYI, Jeno, dr.

Recent experiences with the pathomechanism of parapharyngeal abscesses and a possible origin of some related cervical inflammatory processes. Fulorrgegegygyaszat 10 no.2:84-88 Je'64

The struggle between conservatism and radicalism at the department of Otorhinolaryngology of the Municipal Council Hospital in Szeged during the past 55 years. Ibid.:88-96

1. Szeged Varosi Tanacs Korhaza Ful-orr-gegeosztalyanak (Foorvos: Erdelyi, Jeno, dr) kozlemenye.

ERDELYI, J.

Minerals of Bicsád (Sepsibükszád) in Romania. J. Erdelyi.

Acta Tech. Acad. Sci. Hungaricae, 1 [2] 1-46 (1951).—The geologic-geological and the mineralogical, petrographical, and geographical conditions of deposits of pseudobrookite, apatite, magnetite, hematite, titanite, and questionable danburite-like mineral are described. The chemical composition of pseudobrookite was determined as  $\text{Fe}_2\text{TiO}_5$ . 40 references. M.H.A.



ERDELYI, J.

Jarosite from Mount Gecsi; the mountain range at Velence, In English,  
p. 65, ACTA MINERALOGICA PETROGRAPHICA, (Szegedi Tudományegyetem, As-  
vány-Közzetani Intézet) Szeged, Vol. 7, 1953/54

SOURCE: East European Accessions List (EEAL) Library of Congress,  
Vol. 4, No. 12, December 1955

ERDELYI, J.

The minerals of Bicsad (Sepsbükk), Rumania. II. Pyroxenes, pseudomorphs, and garnets. J. Erdelyi. Ann. Hist.-Nat. Mus. Nat. Hung. 6, 21-35 (1900) (in German); cf. C.A. 46, 68a. Crystallographic and optical data are given for enstatite, diopside, and aegirine-augite, and 2 chem. analyses are given of hydrated silicates, pseudomorphs after pyroxene. An analysis of andradite garnet is given. Michael Fleischer.

*Erdelyi, J.*  
HUNGARY / Cosmochemistry. Geochemistry. Hydrochemistry.

D

Abs Jour : Ref Zhur - Khimiya, No 14, 1959, No. 49027

Author : Erdelyi, J.

Inst : Not given

Title : The Mineralogic Investigation of the Volence  
Mountains

Orig Pub : Acta mineral-Petrograph Szoged, 8, 3-11 (1955)

The list of previously identified minerals is extended to include the following: in the Patka plain, aragonite; in the Syuzvar [transliterated] plain, malachite and pyromorphite; in Retezi, zinc tetrahedrite and an unidentified mineral related to bournonite; in Nadap, epidessmine, tetrahedrite, chalcopryite, and sphalorite. The chemical composition of green pyromorphite was found to be as follows (in %): Pb 70.93, Ca 0.25, PO<sub>4</sub> 19.24, Cl 2.29,

Card 1/2

D-2

ERDELYI, J.

Formation of zeolites of basalt in the Lake Balaton area

P. 303 (FOLDTANI SZOLGÁLTATÁS, BULLETIN OF THE HUNGARIAN GEOLOGICAL SOCIETY)  
Vol. 87, no. 3, July/Sept. 1957  
Budapest, Hungary

SC: Monthly Index of East European Acquisitions (SEAI) 60. Vol. 7, no. 3  
March 1958

Country : Hungary D  
 Category= : Cosmochemistry. Geochemistry. Hydrochemistry.  
 Abs. Jour. : Ref Zhur-Khimiya, No 6, 1959 18372  
 Author : Erdelyi, J.; Koblencz, V.; Tolnay, V.  
 Institut. : Hungarian Academy of Sciences  
 Title : On Hydroparagonite, a New Micaceous Mineral,  
 and Its Relationship to Hydromuscovite,  
 Natronillite and Brammallite.  
 Orig. Pub. : Acta geol. Acad. scient. hung., 1958, 5, No 2,  
 169-186  
 Abstract : By chemical, spectral, x-ray diffraction, and  
 differential thermal methods a study was made of the clayey  
 mineral discovered on calcite crystals in mesothermal ore  
 veins of Nagyberzsen deposit (Hungary). The crystals are  
 similar in appearance to kaolin, the color is yellowish-  
 white;  $a=5.2$ ,  $b=9.00$ ,  $c=1.575$ ,  $d=1.583$ . Results of chemical  
 analysis of 3 specimens from different parts of the deposit,  
 respectively (in %):  $SiO_2$  44.90, 42.39, 42.12;  $TiO_2$  1.21,  
 1.28, 0.84;  $Al_2O_3$  32.46, 30.02, 29.27;  $Fe_2O_3$  1.12, 5.52, 1.88  
 $FeO$  1.68, 1.06, 0.67;  $MnO$  0.05, 0.04, 0.10;  $CaO$  2.65, 2.42,  
 6.72;  $MgO$  0.83, 1.10, 0.72;  $K_2O$  7.88, 7.35, 7.15;  $Na_2O$  0.36,  
 Card: 1/4

D-2

Country : Hungary  
Category : Cosmochemistry. Geochemistry. Hydrochemistry.

D

Abs. Jour. : Ref Zhur-Khimiya, No 6, 1959

18872

Author :  
Institut. :  
Title :

Orig Pub. :

Abstract : 0.46, 0.22;  $H_2O^-$  0.52, 0.25, 0.45;  $H_2O^+$  4.70, 4.88, 4.60;  $CO_2$  1.81, 0.97, 4.56;  $P_2O_5$  0.22, 0.35, 0.38; S - , 3.89, - ; O - , 1.95, - ; total 100.39, 100.12, 99.68. In addition, spectral analysis revealed, in first specimen, strong traces of Pb, traces of B, Ba, V, no Cu and Sn; in the second,  $10^{-1}\%$  As, strong traces of B, traces of V, Cu, Sn, Pb, no Ba; in the third, As (considerable amount), traces of B, Sn, slight traces of V, Cu, no Pb, Ba. In all specimens, Co, Ni, Cr, are absent. On the basis of the experimental and the literature data the conclusion is reached that this clayey mineral is close to muscovite and is a hydromuscovite of the formula:

Card: 2/4

Country : Hungary  
 Category= : Cosmochemistry. Geochemistry. Hydrochemistry.

D

Abs. Jour. : Ref Zhur-Khimiya, No 6, 1959

18872

Author :  
 Institut. :  
 Title :

Orig. Pub. :

Abstract :  $2\infty (K_{0.70}Na_{0.05}Ca_{0.05})^{12}(Al_{1.76}Fe_{0.6}^{3+}Fe_{0.10}^{2+}Mg_{0.08})^6 [Si_{3.11}Al_{0.89}]^4 O_{9.83}(OH)_{2.17}$ . In hydromuscovite the O-ions of tetrahedral layer are replaced by an equivalent amount of OH-ions, as a result of which the amount of re-active ions of alkali metals is decreased. The general formula of hydromuscovite is:

$2\infty (K,Na,Ca)^{12}_{y-n} (Al,Fe^{3+},Fe^{2+},Mg)_2^6 [Si_{4-y}Al_y]^{10}_{10-m}(OH)_{2+m}$

Further study should establish whether  $n = m$ , as was found

Card: 3/4

D-3

ERDELYI, J.; MELLES, M.N.; TOLNAY, V.

New occurrence of hydroamesite and lizardite in the basalt  
inclusion on the Halap Mountain in the Lake Balaton region.  
Acta geol Hung 8 no.1/4:37-69 '64.

1. Ungarische Geologische Anstalt, Budapest.



ERDELYI, JANOS

"Investigation of the Bunching Process in a Multiresonator Klystron Taking Into Account the Influence of the Screen." Cand Tech Sci, Leningrad Electrical Engineering Institute V. I. Ul'yanov (Lenin) Min Higher Education USSR, Leningrad, 1954. (KL, No 1, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)  
SO: Sum. No. 556, 24 Jun 55

DALLOS, Andras, a muszaki tudomanyok kandidatusa; BUDINCSEVITS, Andor;  
KENCZLER, Odon; ERDELYI, Janos; SARKANY, Tamas

Hungarian products of the vacuum technique for microwave installations; also, remarks by A.Budincsevits, and others. Muszaki kozl  
MTA 26 no.1/4:57-70 '60. (EEAI 9:10)

1. Tavkozlesi Kutato Intezet (for Dallos)  
(Hungary--Electron tubes)  
(Microwaves)

1ST AND 2ND CIPHERS										3RD AND 4TH CIPHERS									
<p>ERDELYI, János</p> <p>11E</p> <p>Ca</p> <p>Processes and Properties Index</p> <p>New reagent for the colorimetric determination of vitamin A. Jeno Erdelyi and János Erdelyi, <i>Chem. Abstr.</i> 77, 1021-2(1943).—The modified Carr-Price reaction consists in adding 1 cc. pyrocatechol soln. and 2-3 cc. <math>\text{SnCl}_4</math> soln. to the <math>\text{CHCl}_3</math> soln. of the oil in question, and placing the mixt. in a water bath at <math>60^\circ</math> for 2 min. The mixt. is blue at the beginning and later becomes an intensely violet-red color. This red material gives characteristic absorption bands at 650 and 470 m<math>\mu</math>. Expts. proved that carotenoids do not give this color which is more permanent than the blue color of the Carr-Price reaction. Determina. can be made by using 0.01% solns. of <math>\text{KMnO}_4</math> as comparing liquid in a Dubanec colorimeter. The color intensity is a linear function of the concn.</p> <p>B. S. de Fény</p> <p>ASB-ELA METALLURGICAL LITERATURE CLASSIFICATION</p>																			

ERDELYI, János										11E									
C.A.																			
<p>A new color test for vitamin A. Jeno Rosenthal and János Erdelyi. <i>Magyar Orvosi Arch.</i> 35, 212-7 (1944); cf. C. A. 20, 4106. The color reagent is a 5% solution of guaiacol in <math>\text{CHCl}_3</math>. It produces a color which is more permanent than that of any other reagent, and its colorimetric application is suggested. Henry Tauber</p>																			
<p>ASB-SLA REFERENCE LITERATURE CLASSIFICATION</p>																			
<p>STONY DIVISION</p>																			
<p>STONY DIVISION</p>																			

ERDELYI, J.

Roentgenographic symptoms of ulcer activity. Orv. hetil., Budap. 92  
49:1577-1585 9 Dec 51. (CML 21:4)

1. Professor Doctor, Head of Roentgen Laboratorium. 2. First Internal  
Clinic, Budapest Medical University (Head of Clinic--Prof. Dr. Istvan  
Rusznayak).

ERDELYI, J.; NAGY, E.; HEIMECZI, L.

Therapeutic results with Bucky rays. *Borogygy. vener. szemle* 7 no.3:  
71-73 May 1953. (CML 25:1)

1. Doctors. 2. Debrecen Skin and Venereal Diseases Clinic (Director -- Dr. Lajos Szodoray) and the Skin and Venereal Department (Head -- Dr. Janos Erdelyi) of Tolna County Council Hospital.

HELP!  
I TRAPPED IN  
HERE

ERDELYI, J.; ZSOLNAI, T.; CSOBAN, G.

Experimental studies with extracts of biogen stimulators. Orv. hetil.  
94 no.5:121-125 1 Feb 1953. (CIML 24:3)

1. Doctor for Erdelyi and Csoban. 2. Microbiology Institute (Director  
-- Prof. Andre Jenei), Skin Clinic (Director -- Prof. Dr. Lajos Szodoray),  
Pharmacological Institute (Director -- Prof. Dr. Tibor Valyi-Nagy),  
Debrecen University.



ERDELYI, Janos, dr.

Data on the prevention of the injurious effects of shaving on sensitive male face skin. *Borgyogy. vener. szemle* 10 no.4:170-175 July 56.

1. A Tolna Megyei Tanacs Koshaza (Igaz. :dr. Pelikan, Erzsébet) *borgyogyaszati osztalyanak* (Foorvos: dr. Erdelyi, Janos) kozl.

(FACE

shaving, prev. of inj. eff. on sensitive skin (Hun))

ERDELYI, Jeno, dr.

An unusual case of severe cancer of the larynx treated with X-ray therapy. Ful orr *gegyogy* 6 no.3:136-137 S '60.

1. A Szegedi Varosi Korhaz Ful orr *gegyosztalyanak* (forvos:  
Erdelyi Jeno dr.) *kozlemenye*  
(LARYNX neoplasms)

BERENYI, Jozsef, dr.; ERDELYI, Jeno, dr.

Some remarks on the Fitzgerald-Hallpike caloric test. Fulorrgegyo-  
gyaszat 7 no.4:171-177 D '61.

1. Szeged Varosi Tanacs Korhaza Ful-orr-gegeosztalyanak (Foorvos:  
Erdelyi Jeno dr.) kozlame nye.

(LABYRINTH dis)

ERDELYI, Jeno, dr.

Are current indications for tonsillectomy valid? Orv. hetil. 103  
no.7:289-293 18 F '62.

1. Szeged Varosi Tanacs Korhaz Ful-, orr-, gegeosztaly.

(TONSILLECTOMY)

ERDELYI, J.

Silicosis in enamel workers. *Magy. radiol.* 5 no.2:49-59 May 1953.

(CML 24:3)

1. Doctor. 2. Roentgen Laboratory (Head -- Prof. Dr. Jozsef Erdelyi),  
First Internal Clinic (Director -- Academician Prof. Dr. Istvan Bussnyak),  
Budapest Medical University.

*ERDELYI, Jozsef.*

HOLLO, Istvan, dr; JULESZ, Miklos, dr; ERDELYI, Jozsef, dr

A Morgagni-syndroma. Magy belorv. arch. 7 no.3:65-70 June 54.

1. A Budapesti Orvostudományi Egyetem I. sz. Belklinikájának  
közleménye Igazgató: Dr Ruzsnyak István egyetemi tanár.  
(HEPERPSTOSIS FRONTALIS INTERNA,)

1884

death may be the strain on the right side of the heart. Therefore slight dilatations of the pulmonary artery and of the right ventricle should be stressed in radio-scopical examination of the thorax.

Györgyi - Budapest

FOLDVARI, Feren (Budapest); PAPP, Istvan, gepkocsivezeto; VARKONYI, Ferenc,  
felugyelo (Budapest, IX., Peceli ut 1); ERDELYI, Kalman (Monor,  
Voroshadsereg u. 24).

Motorists' letters. Auto motor 16 no.22:5 21 N '63.

1. Varosi Tanacs, Dunaujvaros (for Fapp).
2. Magyar Allamvasutak (for Varkonyi).



ERDELYI, L.

Development of polarography in Hungary. p. 299. Magyar Kemikusok Lapja  
Vol. 10, no. 10, Oct. 1955

Source: East European Accessions List, (EEAL), Lc, Vol. 5, No. 2, Feb. 1956

<sup>Lajos</sup>  
EFDEIYT, L.; ABFAHAM, A.

"On the structure and the innervation of the conducting system of the heart of mammals." In German. p. 275.

ACTA UNIVERSITATIS SZEGEDIENSIS. PARS BIOLOGICA SCIENTIARUM NATURALIUM.  
ACTA BIOLOGICA. Szeged, Hungary, Vol. 3, No. 3/4, 1957.

Monthly list of East European Accessions (FEAI), LC, Vol. 8, No. 8, August 1959.  
Uncla.

HUNGARY

ERDELYI, L.<sup>95</sup> of the Institute of General Zoology and Biology, Szeged  
[Original version not given].

"Enzyme Activity in Cardiac Ganglia"

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Supplement  
to Vol 22, 1963; p 9.

Abstract [Author's English summary, modified]: The localization in the cardiac ganglia of cholinesterases, alkaline and acid phosphatases has been studied. Both the Gerebtzoff and the Coupland-Holmes modifications of cholinesterase were found to be represented in the cardiac ganglia. On the basis of their cholinesterase activity, two types of cells have been distinguished: I, where only the body of the cell showed strong cholinesterase activity, and II, where the body as well as a process show strong positive reaction. It is still undecided whether the two cell types are the same. The acid phosphatase reaction is strong in the nerve fibers, and the cholinesterase type I cell also displays acid phosphatase activity.

1/1

ERDELY, Laszlo

New guidelines for applying lignite powder in agriculture. Izvestia  
Bany KI no.5:99-104 '61.

1. Wiss. Mitarbeiter.

ERDELYI László

EXCERPTA MEDICA Sec 16 Vol 7/5 Cancer May 59

1725. **A critical study of 150 cases of pulmonary carcinoma** 150 tüdőcarcinomás eset kritikai feldolgozása. ERDELYI L., PADÁNYI A. and UNGÁR I. Budapest; Orvostud. Egyet. IV. sz. Sebészeti Klin. és Országos Korányi TBC Int. Közl. Orv. Hétl. 1958, 99/34 (1167-1171) Graphs 4

Experiences with the surgical treatment of 150 pulmonary carcinoma patients are reported. Thirty-five of the 150 patients could be radically operated upon. Twelve patients were admitted as the result of serial screening examinations, but the majority was diagnosed too late. The need for extension of prophylactic publicity is emphasized. In contrast with data in the literature no connection could be found between the type of the carcinoma cell and the survival. Apart from X-ray diagnosis, bronchoscopy is of great significance for the recognition of pulmonary carcinoma; it seems therefore indicated to apply this method on a wider scale. The basic principle of the surgical treatment of pulmonary carcinoma is its radicalism; however, it should be remembered that not only the saving of lives, but also their best possible tolerability should be aimed at. On the basis of these 2 points of view it is held that under certain circumstances lobectomy is equivalent to pneumonectomy.

SZANTO, Andras, dr.; ERDELYI, Jasslo, dr.; PINTER, Endre, dr.

Unilateral clear picture of the lung in atresia of the pulmonary artery. Magy radiol. 12 no.4:222-225 N'60.

1. A Budapesti Orvostudományi Egyetem IV. sz. Sebészeti Klinikájának közleménye. Igazgató: Kudass József dr. egyetemi tanár.

(LUNGS radiog)

(PULMONARY ARTERY abnorm)

ERDELYI, Laszlo

General meeting of lung specialists. Magy tud 67 no.1:40-41 Ja '60.  
(Lungs) (Hungarian Academy of Sciences)

OVEGES, Jeno, dr.; ERDELYI, Iasslo, dr.; PADANYI, Alajos, dr.

Significance of bronchological examination in early diagnosis  
of bronchial cancer. Orv. hetil. 101 no.26:908-912 26 Je '60.

1. Budapesti Orvostudományi Egyetem, IV. sz. Sebészeti Klinika  
és az Országos Korányi TBC Intézet.  
(BRONCHI neopl.)



ERDELYI, Laszlo, dr.; KENDREY, Gabor, dr.

Experience with lung biopsy. Tuberkulozis 14 no.12:360-364 D '61.

1. A Budapesti Orvostudományi Egyetem IV, sz. Sebészeti Klinikájának (igazgató: Kudasz József dr. egyetemi tanár) és az I sz. Kórház Kórház és Kísérleti Rákkutató Intézetének (igazgató: Baló József dr. egyetemi tanár) közleménye.

(BIOPSY) (LUNGS pathol)

KESZLER, Pal, dr.; ERDELYI, Laszlo, dr.

On intrathoracic round shadows. Tuberkulozis 16 no.7:193-197  
Jl '63.

1. A Janos Korhaz (igazgato: Tako Jozsef dr.) Melkassebeszeti  
osztalyanak (foorvos: Keszler Pal dr., az orvostudomanyok  
kandidatusa) es a Belugyminiszterium egyessegugyi szolgaltanak -  
kozlemenye.

(TUBERCULOSIS, PULMONARY) (LUNG NEOPLASMS)  
(BRONCHIAL NEOPLASMS) (LUNG ABSCESS)  
(DIAGNOSIS, DIFFERENTIAL)

PALAY, G.; ERDELYI, L.

The application of oscillographic polarography in some textilchemical investigations. Pt.5. Chem zvesti 18 no.5/6:444-447 '64.

1. United Chemical Works and Central Laboratory of the Research  
Institute of Coloring, Budapest.

KLATSMANYI-GABOR, Piroska (Mrs) (Budapest, XI., Gellert ter 4);  
MEISEL, Tibor (Budapest, XI., Gellert ter 4); ERDEY, Laszlo,  
prof., dr. (Budapest, XI., Gellert ter 4)

Oxidation of thiourea derivatives in glacial acetic acid. Pt.1.  
Acta chimica Hung 40 no. 2:99-107 '64.

1. Institut für Allgemeine Chemie der Technischen Universität,  
Budapest. 2. Mitglied, Redaktionskollegium, "Acta Chimica  
Academiae Scientiarum Hungaricae" (for Erdey).

ERDELYI, M.; BIKFALVI, A.

Technic and practical application of angiocardiology. *Magy. radiol.* 3 no.1:5-15 1951. (GLML 20:5)

1. Dr. Erdelyi has title of Professor; Dr. Bikfalvi is an Assistant at the Clinic. 2. First Surgical Clinic (Director--Dr. Professor Gyula Sebesteny), Lorand Eotvos University, Budapest.

BIKFALVI, A.;ERDELYN, M.;KRENYI, I.

Technique and application of bronchography. Magy. radiol. 4 no.  
2:51-63 1952. (GLML 22:4)

1. Doctors. 2. First Surgical Clinic (Director -- Prof. Gyula  
Sebesteny), Budapest Medical University.

ERDELYI, M.; KERENYI, I.

Pneumoperitoneal insufflation. Magy. radiol. 5 no.2:72-73 May 1953.  
(CJML 24:3)

1. Doctors. 2. First Surgical Clinic (Director -- Prof. Dr. Gyula Sebesteny), Budapest Medical University.

ERDELYI, M.; MARTON, G.

Epihrenic changes: some aspects of differential diagnosis and their surgical significance. Acta med. hung. 6 no.1-2:13-27 1954.

1. 1st Department of Surgery, University Medical School, Budapest.  
(DIAPHRAGM, dis.  
differ. diag., artif. pneumoperitoneum & pneumothorax)  
(PNEUMOPERITONEUM, ARTIFICIAL  
differ. diag. of diaphragmatic changes)  
(PNEUMOTHORAX, ARTIFICIAL  
differ. diag. of diaphragmatic changes)



*ERDELYI, M.*

SEBESTENY, Gyula; ERDELYI, Mihaly, dr.

The syndromes of the middle pulmonary lobe. Magy. radiol. 6 no.2:  
54-62 Apr. 54.

1. A Budapesti Orvostudományi Egyetem I. sz. Sebészeti Klinikájának  
közleménye. (Igazgató: Dr. Sebesteny Gyula tanár, sz orvostudományok  
doktora) (A Röntgen-osztály vezetője: Erdelyi Mihály dr. az orvostud.  
kandidátusa)

(LUNGS, dis.

middle lobe synd., diag., bronchography)

(BRONCHI, radiography

in middle lobe synd.)

ERDELYI, M.

BIKFALVI, Andras, dr.; ~~ERDELYI, Mihaly, dr.~~; BALAS, Attila, dr.

Obliteration syndrome of vena cava superior caused by chronic fibrous  
mediastinitis. Magyarorszag 8 no.1:23-32 Feb 55.

(VENAE CAVAE, dis.

obstruct. caused by chronic fibrous mediastinitis)

(MEDIASTINITIS

fibrous, causing obstruct. of vena cava superior)

DIMITROV-SZOKODI, Daniel, dr.; ERDELYI, Mihaly, dr.

X-ray evaluation of vagosympathetic denervation surgery of the lung. Magy. sebeszet 8 no.6:351-361 Dec 55.

1. A Budapesti Orvostudományi Egyetem I. sz. Sebeszeti Klinikájának közl. Igazgató: Sebesteny, Gyula dr. egyetemi tanár.

(ASTHMA

bronchial, x-ray follow-up in evaluation of ther. results of vagosympathetic denerv. of lung. (Hun))

(LUNGS, surg.

denervation, vagosympathetic, in bronchial asthma, x-ray follow-up in evaluation of ther. results. (Hun))

(SYMPATHECTOMY

pulmonary, in bronchial asthma, x-ray follow-up in evaluation of ther. results. (Hun))

(NERVES, VAGUS, surg.

vagotomy in bronchial asthma, x-ray follow-up in evaluation of ther. results. (Hun))

EXCERPTA MEDICA Sec.14 Vol.12/5 Radiology May 1958

*ERDELYI M.*

856. PROBLEMS IN THE DIFFERENTIATION OF THE ANEURYSMS OF THE THORACIC AORTA - A mellkasi aorta aneurysmák elkülönítésének kérdései - Erdélyi M. Orvostud. Egyet. II. sz. Sebészeti Klin. Közl., Budapest - MAG. RADIOL. 1957, 9/3 (141-153) illus. 19

Atypical cases are problematical in their interpretation even with angiocardiology. Report on 3 cases of atypical mediastinal opacities (2 of them were operated on and one was verified at autopsy). The angiocardialogram and the transversal tomogram were not sufficient to establish the exact diagnosis. In 2 of the cases the atypical opacity was caused by a dissecting aneurysm and in one by a false aneurysm consecutive to a previous knife wound.

Györgyi - Budapest (XVIII, 14)

ERDELYI, M.

KULLOI-RODER, L.; ERDELYI, M.; MESZOLY, I.; VOTIN, J.

Clinical experiences on the therapy of postoperative complaints following cholecystectomy. Acta med. hung. 10 no.3:261-272 1957.

1. II. Chirurgische Klinik der Medizinischen Universität, Budapest.

(CHOLECYSTECTOMY, compl.  
postcholecystectomy synd., choledochoduodenostomy  
(Ger))

(BILE DUCT, COMMON, surg.  
choledochoduodenostomy in postcholecystectomy synd.  
(Ger))

(DUODENUM, surg.  
same)

EXCERPTA MEDICA Sec 5 Vol 12/7 General Path. July 59

1732. THE CONNECTION BETWEEN THE KARYOPLASTIC EFFECT OF EXPERIMENTAL HYPOXIA AND MORPHOLOGICAL CHANGES IN MITOCHONDRIA - Zusammenhang der karyoplastischen Wirkung der experimentellen Hypoxie mit morphologischen Veränderungen der Mitochondrien - Braun S., Erdélyi M. and Harmath Z. Pathol.-Anat. Abt., Hauptstadt. Péterffy S.-Krankenl., Budapest - NEOPLASMA 1958, 5/3 (209-219) Illus. 24

It was established in earlier experiments that Janus green-B has a tumour-promoting and teratogenic effect. When Janus green-B and carcinogenic hydrocarbons were simultaneously administered, reduced survival was observed in animals with induced tumours. Specific changes were established in the cytological picture of the tumours. This effect of Janus green-B is termed 'karyoplastic', in contrast to the karyoclastic effect of mitotic poisons. S.c. sarcomas induced with Janus green-B and carcinogenic hydrocarbons have an unusual polymorphocellular character. Amitotic and pseudo-amitotic forms of cell division, polyploid nuclei and spindle-disturbances in indirectly dividing tumour cells are present in large numbers. The mitochondria in the protoplasm are increased and a picture of chromosomal fragmentation is quite common. Janus green-B is assumed to have a direct hydrogen-accepting role with respect to the mitochondria and only secondarily a damaging effect on nuclei in the interphase. In transplanted sarcomas which had been induced with Janus green-B and carcinogenic hydrocarbons, the karyoplastic changes in the tumour cells described above could be observed over

EXCERPTA MEDICA Sec 5 Vol 12/12 Gen. Path. Doc 59

4625. ACTION OF JANUS GREEN B ON AMYTAL ASCITES MOUSE TUMOUR  
IN VITRO AND IN VIVO - Braun S., Erdélyi M. and Harmath  
Z., Dept. of Pathol., Péterffy-Sándor Street Hosp., Budapest - ACTA  
MORPH. ACAD. SCI. HUNG. 1958, 8/4 (435-455) Graphs 8 Tables 2 illus. 8

The incubation of amytal ascites sarcoma cells with Janus green B, prior to in-  
oculation, enhances the possibility of takes (up to 100%). The cells reduce the dye  
and modify their own morphology, due to the diminution of the Krebs cycle de-  
hydrogenase activity, impaired in dye reduction; a few new cell types appear, ac-  
cording to the particular phase of cellular evolution at the moment of dye action.  
It is concluded that pathological mitoses originate through amitotic forms, which  
may represent a transient type of cellular division under low energy conditions.  
Tavares - Porto (V, 16)

EXCERPTA MEDICA Soc 15 Vol 13/6 Chest Dis. June 60

1603. OESOPHAGO-TRACHEAL FISTULAE - Oesophagotracheale Fisteln - Erde-  
lyi M. and Labas Z. II. Chir. Univ.-Klin., Budapest - FORTSCHR.  
RONTGENSTR. 1959, 90/5 (558-563) Illus. 13

Four cases of oesophago-tracheal fistulae are reported. Two are regarded to have  
been of congenital origin; the congenital nature of one is arguable, and one case is  
thought to have been acquired. Two cases were treated surgically. (XIV, 9, 15)



HORANYI, Janos, dr.; ERDELYI, Mihaly, dr.; SZOTS Istvan, dr.

An unusual case of pulmonary hamartoma. (Bronchioloma chondromatosum, seu bronchiolo-bronchioma). Magy.sebeszet 13 no.1: 59-63 F '60.

1. Budapesti Orvostudományi Egyetem II. sz. Sebeszeti Klinika  
közleménye Igazgató: Klinko D. dr. egyetemi tanár.  
(LUNG NEOPLASMS case reports)  
(HAMARTOMA case reports)

NAGY, Ferenc; FARKAS, Istvan; STEFANICS, Janos; ERDELYI, Mihaly

Torus supraorbitalis. Szemeszet 98 no.1:29-31 Mr '61.

1. A Bp. Orvostudományi Egyetem II sz. Szemeszeti Klinikájának (Igazgató: Nonay Tibor egyetemi tanár, az orvostudományok kandidátusa) és a II sz. Sebészeti Klinikájának (Megbízott vezető: Stefanics Janos egyetemi docens) közleménye.

(FRONTAL BONE abnorm)

ERDELYI, Mihaly, dr.

Role of the roentgenographic examination in the diagnosis of esophageal perforations and their complications. Magy radiol. 14 no.1:8-14 Ja '62.

1. Budapesti Orvostudományi Egyetem II sz. Sebészeti Klinika közleménye.

(ESOPHAGUS wds & inj)

HUNGARY

ERDELYI, Mihaly, M.D., [affiliation not given].

"Significance and Function of Radiology in Medical Practice"

Budapest, Orvosi Hetilap, Vol 104, No 19, 12 May 1965, pp. 893-895.

Abstract: The profession of radiology is a full-fledged member of the disciplines involved in the medical field. Its greatest contribution is evident if used in a consulting capacity. General practitioners are as a rule not competent to make the fullest and most useful evaluation of radiological pictures. On the other hand, the radiologist cannot render a full judgement without the advice of the patient's personal physician. The opinion of the radiologist should be rendered in writing so as to avoid any subsequent controversy as to what had been said. The author considers this article as having been written not so much to defend the radiologists' status but to further the cause of better socialistic medical service to the patient. No references.

1/1

SARMAI,E.; HORANYI,J.; ERDELYI,M.; KANTOR,E.

Significance of preoperative irradiation in the treatment of  
breast cancer. Orv. hetil. 105 no 13:618-620; 29 Mr'64.

\*

ERDELYI, Mihaly, dr.

On tomography of the trachea in relation to some observations.  
Magy sebesz. 17 no.4:206-209 Ag '64.

1. A Budapesti Orvostudományi Egyetem II sz. Sebészeti Klinikája.  
(Igazgató: Mester Endre dr. egyetemi tanár).

BOLGAR, D.; TOTH, E.; HORANYI, J.; ERDELYI, M.; KANTOR, E.

Breast cancer and radiation therapy. Orv. hetil. 105 no.35:  
1669-1670 Ag 30 '64.

*ERDELYI, MIHALY*

Pyrite of Cserazogtonal. Mihály Erdélyi. Magyar  
Állami Földtani Intézet Évi Jelentése 1953. 37-47 (1954)  
(French summary). --Pyrite occurs in pods in sandstone.  
Wet sepn. gave a concentrate contg. 38% S. The pyrite of  
Zalaszentlő. Béla Darnay and József Molnár. *Ibid.* 33-5.  
--Pods of pyrite were found, but the grade was too  
low for exploitation in this area. Michael Felscher



ERDELYI, M.

Catchment sediment of the Great Hungarian Plain section of the Danube Valley. p. 159. HIDROLOGIAI KOZLONY. HYDROLOGICAL JOURNAL. (Magyar Hidrológiai Társaság) Budapest. Vol. 35, no. 5/6 May/June 1955

SOURCE: East European Accessions List (E3AL), Vol. 5, No. 2, February 1956.

ERDELYI, M.

Boring in the area of Tokod. p. 454

A MAGYAR ALLAMI FOLDTANI INTEZET EVI JELENTESE, Budapest, Hungary, 1955/56  
(Published 1959)

Monthly List of East European Accessions (EEAI) LC, Vol. 9, No. 2, Feb. 1960  
Uncl.

ERDELYI, M.

Boring at the Eny edge of the Bakony Mountain. p. 458

A MAGYAR ALLAMI FOLDTANI INTEZET EVI JELENTESE. Budapest, Hungary, 1955/56  
(Published 1959)

Monthly List of East European Accessions (EEAI) LC, Vol. 9, No. 2, Feb. 1960  
Uncl.

ERDELYI, M.

Prospective boring in the lignite field of Herend. p. 469

A Magyar Allami Foldtani Intezet Evi Jelentese, Budapest, Hungary, 1955/56  
(Published 1959)

Monthly List of East European Accessions (EEAI) LC, Vol. 9, No. 2, Feb. 1960  
Uncl.